**Table 1. 1998 Summary Statistics**

| Item   | Value      | U.S. Rank | Item                              | Value     | U.S. Rank |
|--|------------|-----------|-----------------------------------|-----------|-----------|
| NERC Region(s) .....                               |            | NPCC      | <b>Utility</b>                    |           |           |
| Net Exporter or Importer .....                     |            | Importer  | Capability (MW) .....             | 1,457     | 48        |
| Primary Generating Fuel .....                      |            | Hydro     | Generation (MWh) .....            | 3,549,008 | 49        |
| Population (as of 7/98) .....                      | 1,247,554  | 39        | Average Age of Plants (years)     |           |           |
| Average Electricity Price (cents/kWh) <sup>a</sup> | 9.75       | 44        | Petroleum-fired .....             | 28        |           |
| Industrial .....                                   | 6.61       | 43        | Hydroelectric .....               | 52        |           |
| Commercial .....                                   | 10.33      | 48        | Renewable .....                   | 4         |           |
| Residential .....                                  | 13.02      | 48        | <b>Nonutility</b>                 |           |           |
| <b>Industry</b>                                    |            |           | Capability (MW) .....             | 1,368     | 16        |
| Capability (MW) .....                              | 2,825      | 45        | Share of Capability (Percent) ... | 48.4      | 3         |
| Generation (MWh) .....                             | 11,116,096 | 44        | Generation (MWh) .....            | 7,567,088 | 12        |
| Capability/person<br>(KWe/person) .....            | 2.26       | 39        | Share of Generation (Percent) ..  | 68.1      | 2         |
| Generation/person<br>(MWh/person) .....            | 8.91       | 42        |                                   |           |           |
| Emissions (Thousand Short Tons)                    |            |           |                                   |           |           |
| Sulfur Dioxide .....                               | 12         | 44        |                                   |           |           |
| Nitrogen Oxide .....                               | 12         | 46        |                                   |           |           |
| Carbon Dioxide .....                               | 4,849      | 45        |                                   |           |           |
| Sulfur Dioxide/sq. mile (Tons) .....               | 0.39       | 42        |                                   |           |           |
| Nitrogen Oxides/sq. mile (Tons) .....              | 0.38       | 46        |                                   |           |           |
| Carbon Dioxide/sq. mile (Tons) .....               | 157.11     | 45        |                                   |           |           |

**Table 2. Five Largest Plants, 1998**

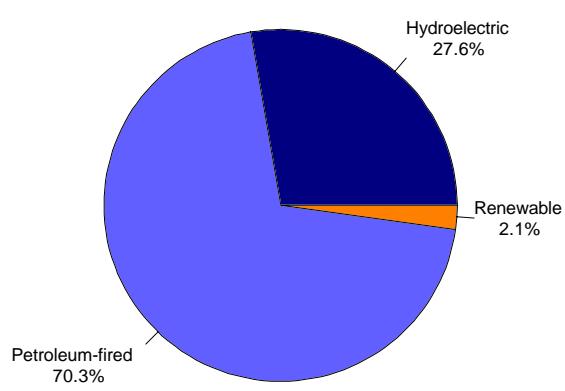
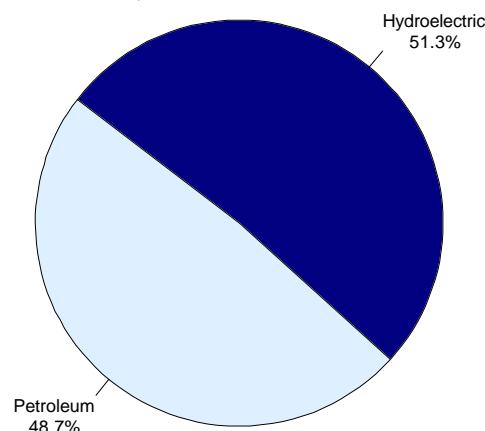
| Plant                         | Energy Source <sup>b</sup> | Operating Company        | Net Capability (MW) | Age (Years) |
|-------------------------------|----------------------------|--------------------------|---------------------|-------------|
| 1. William F Wyman .....      | Petroleum                  | Central Maine Power Co   | 838                 | 41          |
| 2. Great Northern Paper ..... | Petroleum                  | Great Northern Paper Inc | 289                 | 81          |
| 3. Somerset .....             | Renewable                  | SAPPI                    | 102                 | 22          |
| 4. Mason Steam .....          | Petroleum                  | Central Maine Power Co   | 98                  | 46          |
| 5. Rumford Cogeneration ..... | Coal                       | Mead Paper Corporation   | 96                  | 8           |

**Table 3. Top Five Utilities Ranked by Retail Sales Revenue Within the State, 1998**  
(Million Dollars)

| Utility                                 | All Sectors | Residential | Commercial | Industrial | Other |
|---|-------------|-------------|------------|------------|-------|
| A. Central Maine Power Company .....    | 865         | 361         | 259        | 234        | 10    |
| B. Bangor Hydro-Electric Company .....  | 177         | 71          | 61         | 43         | 2     |
| C. Maine Public Service Company .....   | 51          | 21          | 18         | 10         | 1     |
| D. Eastern Maine Electric Coop .....    | 12          | 7           | 2          | 3          | *     |
| E. Madison Dept of Electric Works ..... | 11          | 1           | *          | 10         | *     |
| Total .....                             | 1,116       | 461         | 341        | 300        | 14    |
| Percentage of Utility Sales .....       | 99          | 99          | 99         | 98         | 96    |

**Table 4. Electric Power Industry Generating Capability by Plant Type, 1988, 1993, and 1998**  
(Megawatts Electric)

| Plant Type             | 1988  | 1993  | 1998  | Annual Growth Rate 1988-1998 (Percent) | Percentage Share 1988 | Percentage Share 1993 | Percentage Share 1998 |
|------------------------|-------|-------|-------|--|-----------------------|-----------------------|-----------------------|
| Total Utility .....    | 2,360 | 2,402 | 1,457 | -4.7                                   | 62.4                  | 63.5                  | 51.6                  |
| Petroleum-fired .....  | 1,128 | 1,111 | 1,025 | -0.9                                   | 29.8                  | 29.4                  | 36.3                  |
| Nuclear .....          | 845   | 870   | --    | -100.0                                 | 22.4                  | 23.0                  | 0.0                   |
| Hydroelectric .....    | 387   | 421   | 402   | 0.4                                    | 10.2                  | 11.1                  | 14.2                  |
| Renewable .....        | --    | --    | 30    | -0.0                                   | --                    | --                    | 1.0                   |
| Total Nonutility ..... | 1,419 | 1,382 | 1,368 | -0.4                                   | 37.6                  | 36.5                  | 48.4                  |
| Industry .....         | 3,779 | 3,784 | 2,825 | -2.9                                   | 100.0                 | 100.0                 | 100.0                 |

**Figure 1. Utility Generating Capability by Plant Type, 1998****Figure 2. Utility Generation by Primary Energy Source, 1998**

**Table 5. Electric Power Industry Generation of Electricity by Primary Energy Source, 1988, 1993, and 1998**  
(Megawatthours)

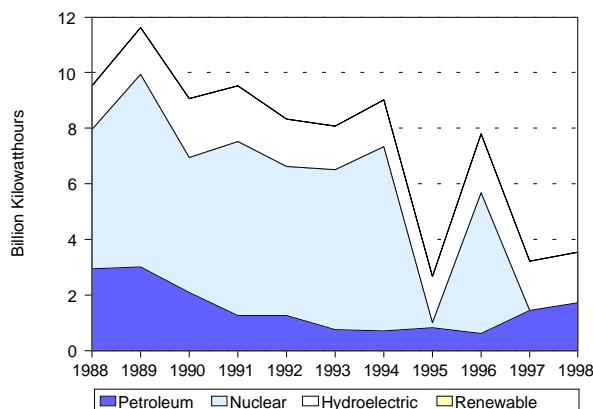
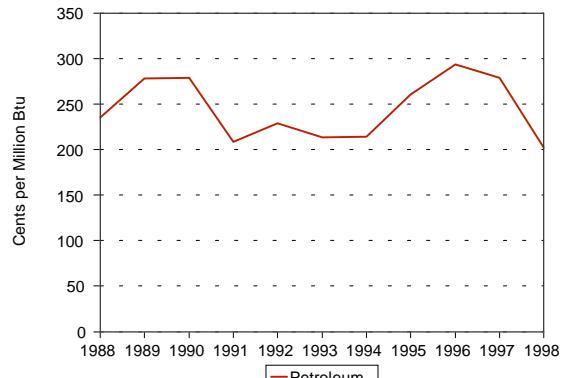
| Fuel                       | 1988       | 1993       | 1998       | Annual Growth Rate 1988-1998 (Percent) | Percentage Share 1988 | Percentage Share 1993 | Percentage Share 1998 |
|----------------------------|------------|------------|------------|--|-----------------------|-----------------------|-----------------------|
| Total Utility . . . . .    | 9,529,922  | 8,075,919  | 3,549,008  | -9.4                                   | 57.1                  | 51.6                  | 31.9                  |
| Petroleum . . . . .        | 2,944,027  | 760,460    | 1,728,702  | -5.2                                   | 17.7                  | 4.9                   | 15.6                  |
| Nuclear . . . . .          | 5,017,202  | 5,739,866  | --         | -100.0                                 | 30.1                  | 36.7                  | --                    |
| Hydroelectric . . . . .    | 1,568,692  | 1,575,593  | 1,820,306  | 1.5                                    | 9.4                   | 10.1                  | 16.4                  |
| Total Nonutility . . . . . | 7,146,823  | 7,577,246  | 7,567,088  | 0.6                                    | 42.9                  | 48.4                  | 68.1                  |
| Industry . . . . .         | 16,676,745 | 15,653,165 | 11,116,096 | -4.0                                   | 100.0                 | 100.0                 | 100.0                 |

**Table 6. Utility Delivered Fuel Prices for Coal, Petroleum, and Gas, 1988, 1993, and 1998**  
(Cents per Million Btu, 1998 Dollars)

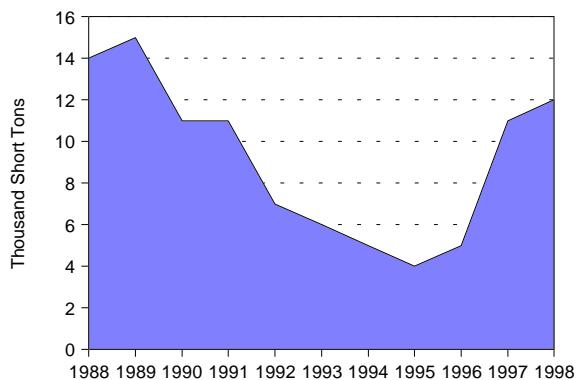
| Fuel                | 1988  | 1993  | 1998  | Annual Growth Rate 1988-1998 (Percent) |
|---------------------|-------|-------|-------|--|
| Petroleum . . . . . | 235.3 | 213.7 | 202.1 | -1.5                                   |

**Table 7. Electric Power Industry Emissions Estimates, 1988, 1993, and 1998**  
(Thousand Short Tons)

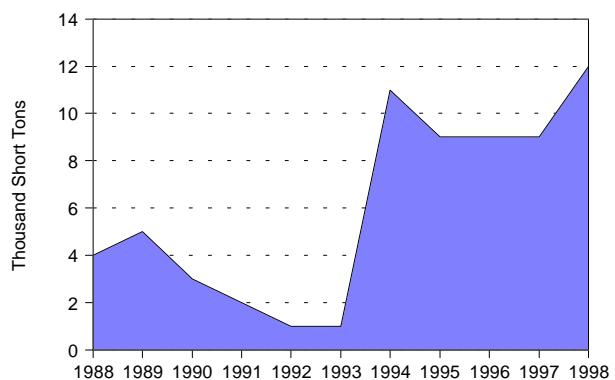
| Emission Type                          | 1988  | 1993 | 1998  | Annual Growth Rate 1988-1998 (Percent) |
|--|-------|------|-------|--|
| Sulfur Dioxide . . . . .               | 14    | 6    | 12    | -1.8                                   |
| Nitrogen Oxides <sup>c</sup> . . . . . | 4     | 1    | 12    | 10.4                                   |
| Carbon Dioxide <sup>c</sup> . . . . .  | 2,532 | 736  | 4,849 | 6.2                                    |

**Figure 3. Utility Generation of Electricity by Primary Energy Source, 1988-1998****Figure 4. Utility Delivered Fuel Prices for Coal, Petroleum, and Gas, 1988-1998**  
(1998 Dollars)

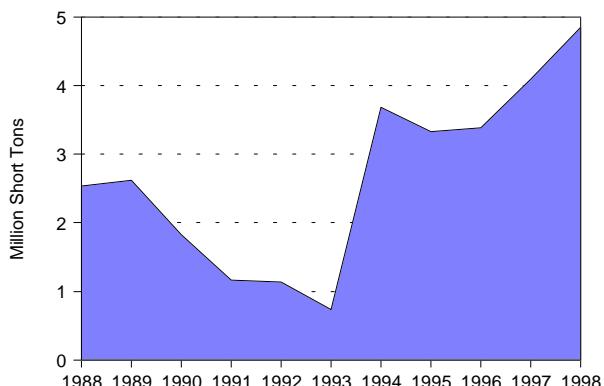
**Figure 5. Estimated Sulfur Dioxide Emissions,  
1988-1998**



**Figure 6. Estimated Nitrogen Oxide Emissions,  
1988-1998**

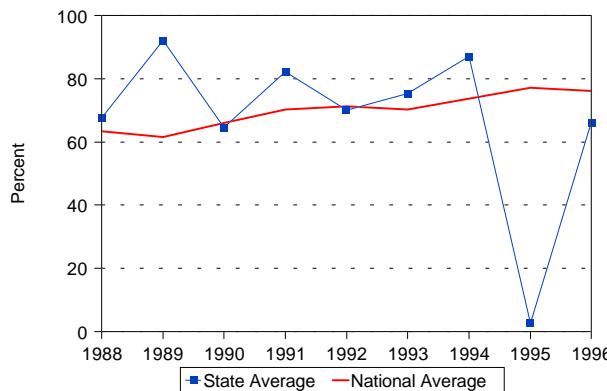


**Figure 7. Estimated Carbon Dioxide Emissions,  
1988-1998**



**Table 8. Utility Retail Sales by Sector, 1988, 1993, and 1998  
(Megawatthours)**

| Sector             | 1988       | 1993       | 1998       | Annual Growth Rate 1988-1998 (Percent) | Percentage Share 1988 | Percentage Share 1993 | Percentage Share 1998 |
|--------------------|------------|------------|------------|--|-----------------------|-----------------------|-----------------------|
| Residential . . .  | 3,903,621  | 3,872,293  | 3,589,078  | -0.8                                   | 34.7                  | 32.4                  | 30.9                  |
| Commercial . .     | 2,568,919  | 2,868,391  | 3,324,367  | 2.6                                    | 22.8                  | 24.0                  | 28.7                  |
| Industrial . . . . | 4,616,049  | 5,039,630  | 4,622,053  | *                                      | 41.0                  | 42.2                  | 39.8                  |
| Other . . . . .    | 175,237    | 172,042    | 63,197     | -9.7                                   | 1.6                   | 1.4                   | 0.5                   |
| Total . . . . .    | 11,263,823 | 11,952,356 | 11,598,695 | 0.3                                    | 100.0                 | 100.0                 | 100.0                 |

**Figure 8. Nuclear Power Capacity Factor Comparison, 1988-1998****Table 9. Utility Retail Sales Statistics, 1988, 1993, and 1998**

| Item                                      | Investor-Owned | Public  | Federal | Cooperative | Total      |
|---|----------------|---------|---------|-------------|------------|
| <b>1988</b>                               |                |         |         |             |            |
| Number of Utilities .....                 | 3              | 6       | --      | 4           | 13         |
| Number of Retail Customers .....          | 603,367        | 13,497  | --      | 13,956      | 630,820    |
| Retail Sales (MWh) .....                  | 10,959,506     | 203,733 | --      | 100,584     | 11,263,823 |
| Percentage of Retail Sales .....          | 97.3           | 1.8     | --      | 0.9         | 100.0      |
| Revenue from Retail Sales                 |                |         | --      |             |            |
| (million 1998 dollars) <sup>d</sup> ..... | 925            | 19      |         | 12          | 956        |
| Percentage of Revenue .....               | 96.8           | 2.0     | --      | 1.2         | 100.0      |
| <b>1993</b>                               |                |         |         |             |            |
| Number of Utilities .....                 | 3              | 5       | --      | 4           | 12         |
| Number of Retail Customers .....          | 652,946        | 13,521  | --      | 15,022      | 681,489    |
| Retail Sales (MWh) .....                  | 11,617,676     | 209,817 | --      | 124,863     | 11,952,356 |
| Percentage of Retail Sales .....          | 97.2           | 1.8     | --      | 1.0         | 100.0      |
| Revenue from Retail Sales                 |                |         | --      |             |            |
| (million 1998 dollars) <sup>d</sup> ..... | 1,162          | 21      |         | 14          | 1,197      |
| Percentage of Revenue .....               | 97.1           | 1.8     | --      | 1.1         | 100.0      |
| <b>1998</b>                               |                |         |         |             |            |
| Number of Utilities .....                 | 3              | 5       | --      | 3           | 11         |
| Number of Retail Customers .....          | 685,760        | 14,275  | --      | 13,835      | 713,870    |
| Retail Sales (MWh) .....                  | 11,071,457     | 401,252 | --      | 125,986     | 11,598,695 |
| Percentage of Retail Sales .....          | 95.5           | 3.5     | --      | 1.1         | 100.0      |
| Revenue from Retail Sales                 |                |         | --      |             |            |
| (million 1998 dollars) <sup>d</sup> ..... | 1,093          | 25      |         | 14          | 1,131      |
| Percentage of Revenue .....               | 96.6           | 2.2     | --      | 1.2         | 100.0      |